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A M E N D E D   C L A I M S

1. An expandable tubular element having a wall including at least a portion formed of a plurality of stacked wall layers, each wall layer having a bent configuration in a cross-sectional plane prior to radial expansion of the tubular element and being arranged to deform from the bent configuration to a more stretched configuration upon radial expansion of the tubular element, wherein the tubular element includes at least one cavity, each cavity being formed between a pair of adjacent wall layers prior to expansion of the tubular element, said cavity containing a body of fluid in the form of a bonding agent or a compound for forming a bonding agent, which bonding agent is suitable to bond said adjacent wall layers to each other or to bond the tubular element to a wall extending adjacent the tubular element.
2. The expandable tubular element of claim 1, wherein said wall layers have mutually different bending curvatures prior to radial expansion of the tubular element.
3. The expandable tubular element of claim 1 or 2, including a plurality of said portions of stacked wall layers spaced along the circumference of the tubular element.
4. The expandable tubular element of claim 1 or 2, wherein said portion of stacked wall layers extends along the full circumference of the tubular element.
5. The expandable tubular element of claim 4, wherein the tubular element has, prior to radial expansion thereof, a corrugated shape.

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6. The expandable tubular element of any one of claims 1-5, wherein the tubular element is one of a pair of tubes whereby an end part of an inner tube extends into an end part of an outer tube, and wherein said portion of stacked wall layers is included in one of said end parts.

7. The expandable tubular element of claim 6, wherein said portion of stacked wall layers is included in the end part of the outer tube.

8. The expandable tubular element of claim 1, wherein at least one of said adjacent wall layers is provided with an opening arranged to allow fluid from said body of fluid to be expelled from the cavity during expansion of the tubular element.

9. The expandable tubular element of claim 1, wherein said wall is the wall of another tubular element or the wall of a wellbore into which the tubular element extends.

10. The expandable tubular element of claim 8 or 9, wherein said cavity forms a first cavity containing a first bonding compound for forming a bonding agent, and wherein a second said cavity contains a second compound which reacts with the first compound to form the bonding agent.

11. The expandable tubular element of any one of claims 1-10, wherein the tubular element extends into a borehole formed in an earth formation.

12. The expandable tubular element substantially as described hereinbefore with reference to the drawings.

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